

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/001254A. CLASSIFICATION OF DOCUMENTS  
IPC 7 H01L21/06 H01L29/78 H01L29/165

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 274 894 B1 (HORSTMANN MANFRED ET AL) 14 August 2001 (2001-08-14) column 11, line 16 - column 12, line 57; figures 7-13 column 12, line 16 - line 21	1-3, 6
A	WO 00/30169 A (CHAU ROBERT S ; JAN CHIA HONG (US); PACKAN PAUL (US); INTEL CORP (US);) 25 May 2000 (2000-05-25) the whole document	7
A	US 6 214 679 B1 (CHAU ROBERT S ET AL) 10 April 2001 (2001-04-10) column 5, line 57 - line 62	7
A	US 6 495 402 B1 (VAN BENTUM RALF ET AL) 17 December 2002 (2002-12-17) figure 3c	1-10
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the International search

21 July 2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 187 641 B1 (LIU WILLIAM U ET AL) 13 February 2001 (2001-02-13) figure 2	1-10
A	US 4 838 993 A (AOKI KENJI ET AL) 13 June 1989 (1989-06-13) the whole document	1-10
A	OHUCHI K ET AL: "Source/drain engineering for sub 100-nm technology node" 2002 14TH INTERNATIONAL CONFERENCE ON ION IMPLANTATION TECHNOLOGY PROCEEDINGS, 22 September 2002 (2002-09-22), pages 7-12, XP010676954 the whole document	1-10
A	US 5 710 450 A (CHAU ROBERT S ET AL) 20 January 1998 (1998-01-20) cited in the application figure 6	1-10
A	US 6 342 421 B1 (MITANI YUICHIRO ET AL) 29 January 2002 (2002-01-29) column 31, line 52 - column 32, line 26; figures 33A-33E	1-10
A	US 6 372 583 B1 (TYAGI SUNIT) 16 April 2002 (2002-04-16) figures 1B-1H	1-10

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Information on patent family members

National Application No

PCT/IB2004/001254

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			EP 1147552 A1		24-10-2001
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